



ISMERLO



International Submarine Escape and Rescue Liaison Office



Lt Cdr N. Samuels GBR-N

ISMERLO Operations

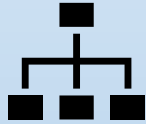
History



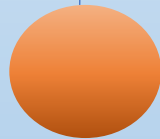
Mission



Organisation



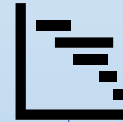
National
responsibility



Doctrine
Policy



NATO
Exercises



Website



Kursk

2000



ISMERLO background



ISMERLO

2003



ISMERLO background



ARA San Juan

2017



ISMERLO background



KRI Nanggala

2021



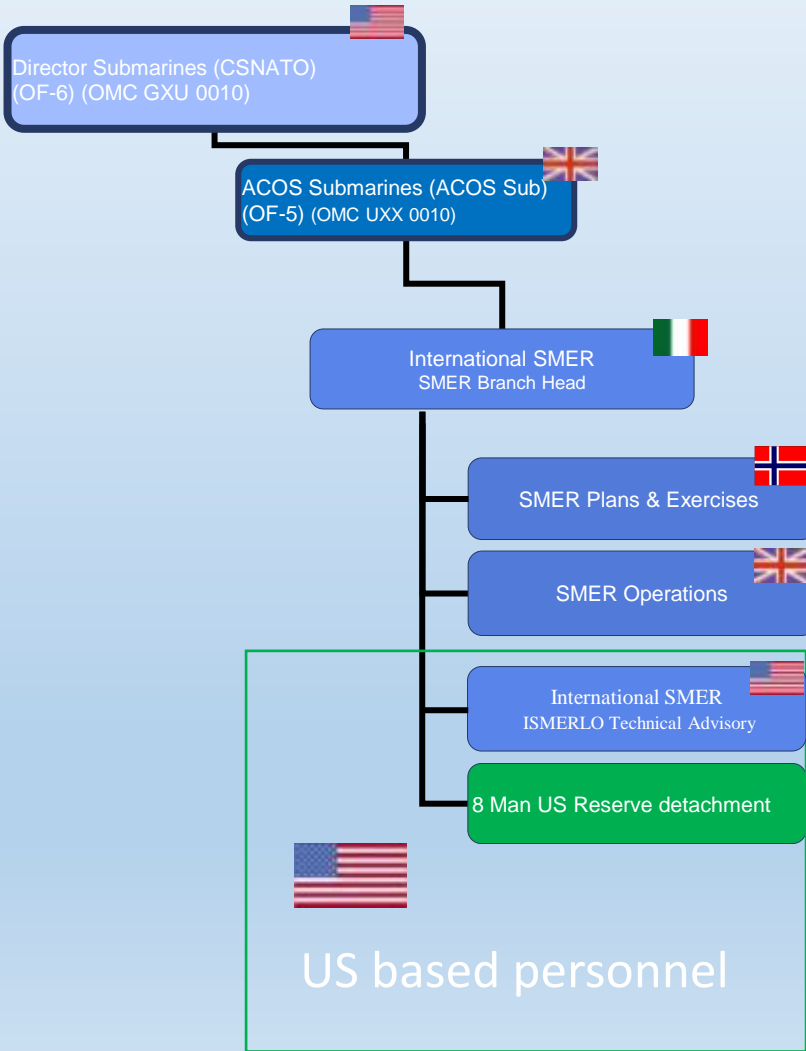


ISMERLO Mission



- 41 participating Nations (plus additional SMER specific organisations)
- Website - ismerlo.org.
- Coordinating the mobilisation of worldwide rescue elements
- Assist a DISSUB nation locally or remotely with SMER experts
- Facilitates a clear rescue picture for decision makers by tracking event development and providing recommendations. Principal focus: Minimising the Time to First Rescue (TTFR).
- Offers training on Submarine Escape and rescue related topics
- Assists national and international exercises around the globe
- Custodian of the Global SUBSAR Manual ATP 57 “The Submarine Search and Rescue Manual”
- Coordinator Rescue Forces (CRF) training course

ISMERLO organisation

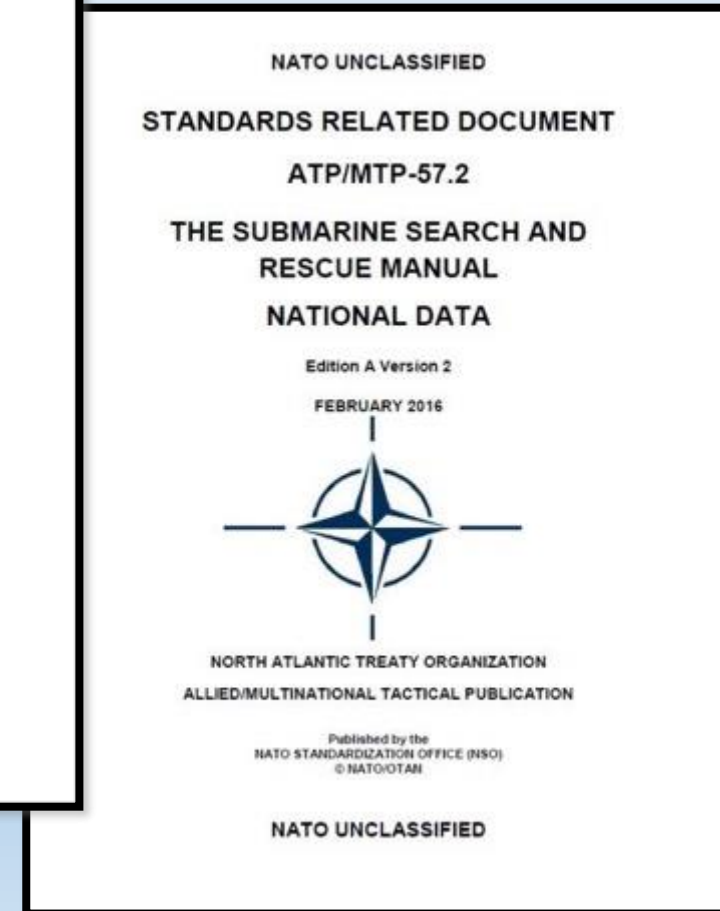
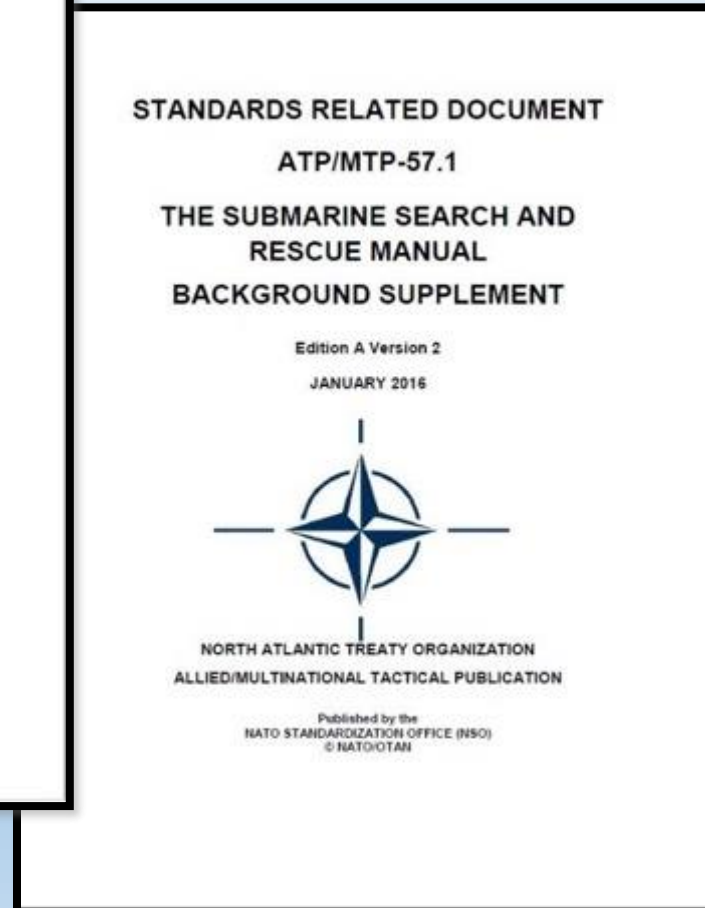
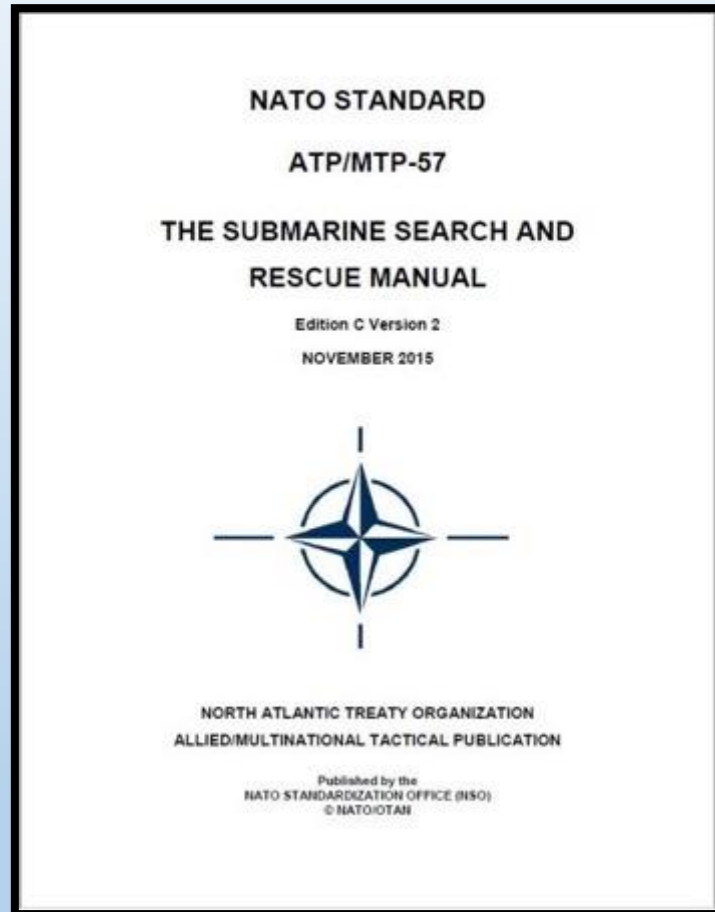




National responsibilities



- Create and maintain national dormant plans to be best possible prepared for a crisis situation
- Point out and update national coordinators and contacts on the ISMERLO website
- Liaise with ISMERLO to receive training in order to use the website efficiently (Subopauths, national coordinators and contacts)
- Update the database with assets, submarines, contact details, airport & seaports
- Train and exercise (national and international)



Dynamic Monarch

- Triennial Submarine Search, Escape and Rescue exercise
- NATO designed to train NATO and National Commands and specific assets including Partners and Non NATO nations
- Serialised exercise which provides opportunities to practise and advertise SMER procedures among NATO and Non NATO Nations.
- The next Dynamic Monarch will be planned for 2024.

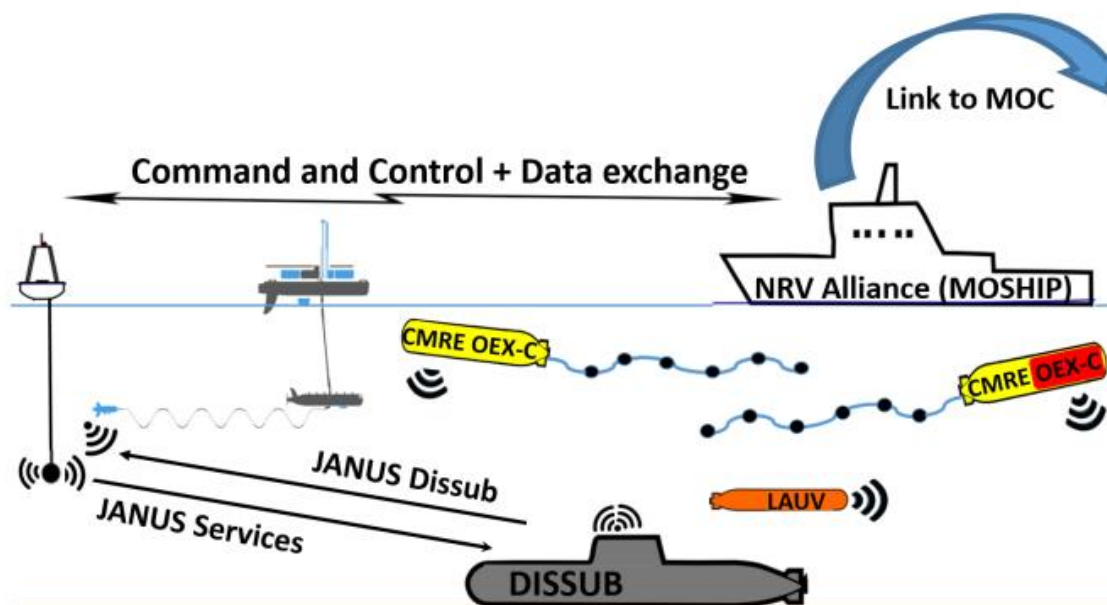
Dynamic Minotaur

- Non Dynamic Monarch years
- C2 structure tested of Host Nation
- DISSUB Alert to waterfront asset arrival
- United Kingdom in Mar 2023



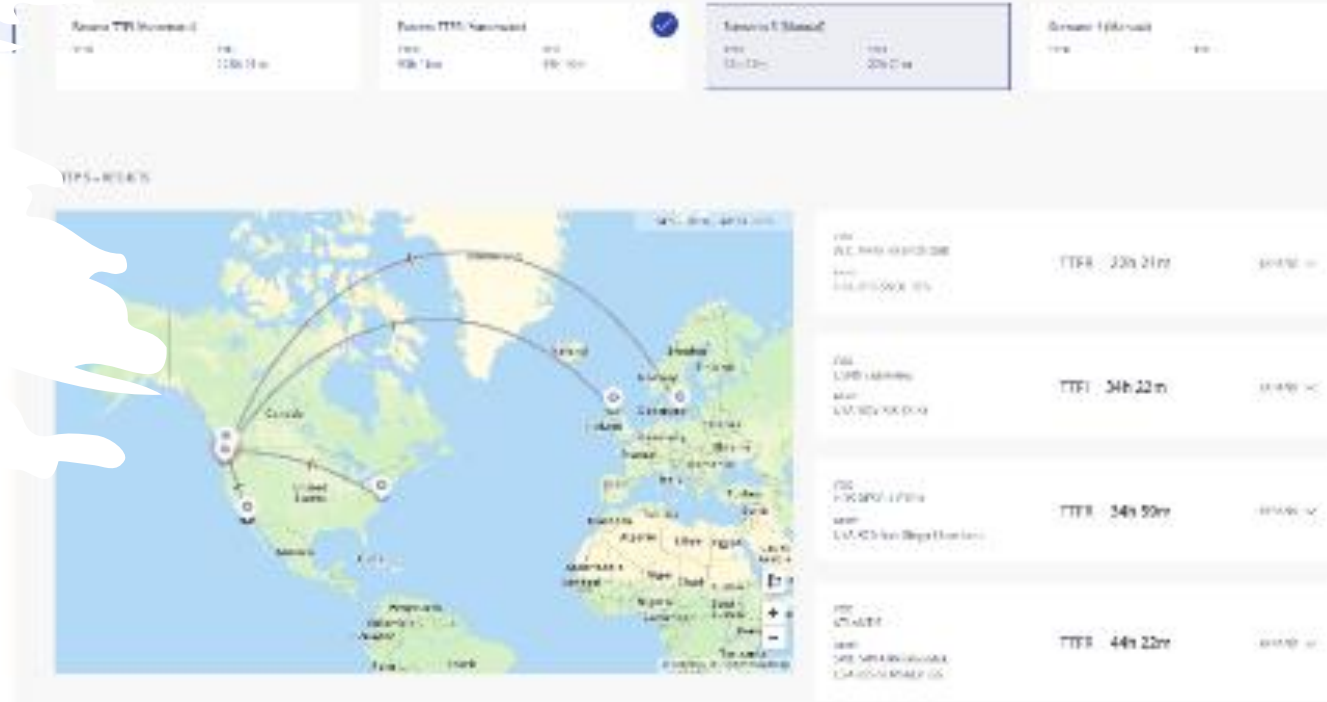
Exercise REPMUS 21

- NATO MUS Initiative
- Robotics Experimentation and Prototyping MUS (REPMUS) Exercise (Portugal, September 2021)
- Search and localization of a submarine in distress (DISSUB) using a network of cooperative MUS
- Promptly exchange relevant information among the unmanned systems, the DISSUB and the rescue teams
- JANUS based digital chat – ‘WetsApp’
- Coordination through the ISMERLO website



ISMERLO website

- Is password protected website for coordinating and facilitating an international response for a distressed submarine (DISSUB).
- It improves the ability to respond to a call for assistance through its coordination role and consists of a database with submarines, rescue assets, vessel of opportunities (VOOs) and national contacts, airports and seaports.
- Real alerts and exercise alerts can be created, and the website has a deployment calculator which gives an indication of the deployment of assets to the DATUM.
- The website provides three layers of communication
 - Overview page
 - Forums
 - Private messaging system.



INTERNATIONAL SUBMARINE ESCAPE AND RESCUE LIAISON OFFICE

The International Submarine Escape and Rescue Liaison Office (ISMERLO) is an organisation that aims to facilitate an international response for a distressed submarine (DISSUB) and to improve the ability to respond to a call for assistance through its coordination role. Although established by NATO, ISMERLO supports and pursues the involvement of global submarine-operating nations. ISMERLO is a voluntary organisation operating in an international environment with a humanitarian objective of saving lives at sea.





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International Submarine Escape and Rescue Liaison Office



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ISMERLO Plans & Exercise
ISMERLO Operations